## APS Rec'd PCT/PTO 24 APR 2008

ATTORNEY'S DOCKET NO: 060309

| U.S. DEPARTMENT OF COMMERCE   | DATE: April 24, 2006   |   |  |  |  |  |  |  |  |
|---|--|---|--|--|--|--|--|--|--|
| TRANSMITTAL LETTER TO THE UNIT<br>(DO/EO/US) CONCERNING   | U.S. APPLN_NO. (if known):   |   |  |  |  |  |  |  |  |
| INTERNATIONAL APPLICATION NO.: PCT/JP04/13840   | INTERNATIONAL FILING DATE: September 22, 2004  | PRIORITY DATE CLAIMED: October 27, 2003 |  |  |  |  |  |  |  |
| TITLE OF INVENTION: ANGLE DETECTING APPARATUS AND SCANNING-TYPE ACTUATOR USING THE ANGLE DETECTING APPARATUS  |  |   |  |  |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US: Ryohei SHIGEMATSU  |  |   |  |  |  |  |  |  |  |
| Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |  |   |  |  |  |  |  |  |  |
| 1. XX This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.   |  |   |  |  |  |  |  |  |  |
| 2 This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.   |  |   |  |  |  |  |  |  |  |
| 3. XX This is an express request to begin national examination procedures (35 USC 371(f)) at any time rather than delay examination until the expiration of the time limit set in 35 USC 371(b) and PCT Articles 22 and 39(1).  |  |   |  |  |  |  |  |  |  |
| 4 A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.   |  |   |  |  |  |  |  |  |  |
| 5. XX A copy of the International Application as filed (35 U.S.C. 371(c)(2)):   |  |   |  |  |  |  |  |  |  |
| b has been transmitted  | b has been transmitted by the International Bureau.  |   |  |  |  |  |  |  |  |
| 6. XX A translation of the International Application into English (35 U.S.C. 371(c)(2)).  |  |   |  |  |  |  |  |  |  |
| 7. XX Amendments to the claims of   | 7. XX Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) |   |  |  |  |  |  |  |  |
| <ul> <li>a are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b have been transmitted by the International Bureau.</li> <li>c have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. XX have not been made and will not be made.</li> </ul> |  |   |  |  |  |  |  |  |  |
| 8 A translation of the amendmen   | A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).                  |   |  |  |  |  |  |  |  |
| 9. XX An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  |  |   |  |  |  |  |  |  |  |
| 10 A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).   |  |   |  |  |  |  |  |  |  |
| ITEMS 11. TO 16. BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:   |  |   |  |  |  |  |  |  |  |
| 11. XX An Information Disclosure Sta Search Report.   |  |   |  |  |  |  |  |  |  |
| 12. XX a. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.  XX b. ASSIGNEE(s) NAME(s) AND ADDRESS NHK SPRING CO., LTD., Yokohama-shi, Japan  Please publish the assignee data with the application.  |  |   |  |  |  |  |  |  |  |
| 13. XX A FIRST preliminary amendment.  A SECOND or SUBSEQUENT preliminary amendment   |  |   |  |  |  |  |  |  |  |
| 14 A substitute specification.  |  |   |  |  |  |  |  |  |  |
| 15 A change of power of attorney and/or address letter.   |  |   |  |  |  |  |  |  |  |
| 16 YY Other items or information: 12 Shoets of Drawings   |  |   |  |  |  |  |  |  |  |

## IAP20 Rec'd PCT/PTO 24 APR 2006

ATTORNEY'S DOCKET NO:060309

| U.S. APPLICAT   | 10N NO.             | <u> </u>                | INTERNATIONAL APPLIC PCT/JP04/13840         | CATION NO.              |        | DATE:<br><b>April 24, 2006</b> |                       |              |  |
|---|---------------------|-------------------------|---|-------------------------|--------|--------------------------------|-----------------------|--------------|--|
| 17. X The following fees are submitted:   |                     |                         |   |                         |        |                                | CALCULATIONS          | PTO USE ONLY |  |
| Basic National Fee (37 CFR 1.492(a)(1)-(5):\$   |                     |                         |   |                         |        | 300.00                         | \$ 300.00             |              |  |
| Search Fee - all other situations   |                     |                         |   |                         |        | 500.00                         |                       |              |  |
| National Stage Search Fee - U.S. was the ISA  |                     |                         |   |                         |        | .00.00                         |                       |              |  |
| National Stage Search Fee - search report prepared and provided to USPTO  |                     |                         |   |                         |        | 00.00                          | \$ 400.00             |              |  |
| Examination Fee - all other situations  |                     |                         |   |                         |        |                                | \$ 200.00             |              |  |
| National Stage Examination Fee - U.S. was IPEA and, all claims satisfy PCT Article 33(1)-(4)  |                     |                         |   |                         |        |                                |                       |              |  |
| ENTER APPROPRIATE BASIC FEE AMOL  |                     |                         |   |                         |        |                                | \$ 900.00             |              |  |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). the fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.  Total Sheets Extra sheets Number of each additional 50 or fraction RATE |                     |                         |   |                         |        |                                |                       |              |  |
| 45 - 100 =  | / 50 =              | there                   | thereof (round up to a whole number)  x \$: |                         |        | 50.00                          |                       |              |  |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 20  • 30 months from the earliest claimed priority date (37 DVR 1.492(e)).  |                     |                         |   |                         |        |                                |                       |              |  |
| CLAIMS  | NUMBER F            | FILED NUMBER EXTRA RATE |   |                         |        |                                |                       |              |  |
| TOTAL   | 24 - 20             | =                       | 4   | X \$ 50.00 <b>\$ 20</b> |        | \$ 200                         | .00                   |              |  |
| INDEPENDENT   | 2 . 3               | 2 - 3 =                 |   | X \$ 200.00             |        |                                |                       |              |  |
| Multiple deper  | ndent claims(s) (if | applica                 | ble)  | + \$360.00              | )      |                                |                       |              |  |
| TOTAL OF ABOVE CALCULATIONS =   |                     |                         |   |                         | NS =   | \$1100                         | 0.00                  |              |  |
| Reduction by 1/2 for filing by small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).  |                     |                         |   |                         |        |                                |                       |              |  |
| SUBTOTAL =  |                     |                         |   |                         | \$1100 | 0.00                           |                       |              |  |
| Processing fee of <b>\$130.00</b> for furnishing the English translation later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +   |                     |                         |   |                         |        |                                |                       |              |  |
| TOTAL NATIONAL FEE =  |                     |                         |   |                         | \$1100 | 0.00                           |                       |              |  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31).  \$40.00 per property +   |                     |                         |   | \$ 40                   | 0.00   |                                |                       |              |  |
| TOTAL FEES ENCLOSED =   |                     |                         |   |                         | \$1140 |                                |                       |              |  |
|   |                     |                         |   |                         |        | Amou                           | nt to be:<br>refunded | \$           |  |
|   |                     |                         |   |                         |        |                                | charged               | \$           |  |

U.S. APPLICATION OF 7 044

INTERNATIONAL APPLICATION NO. PCT/JPO4/13840

DATE: April 24, 2006

a. XX A check in the amount of \$1140.00 to cover the above fees is enclosed. (\$300.00 for basic fee, \$400.00 for search fee, \$200.00 for examination fee, \$200.00 for extra claims and \$40.00 for the assignment.) (This paper is filed in triplicate)

b. \_\_\_ Please charge my Deposit Account No. 01-2340 in the amount of \$\_\_ to cover the above fees. (A duplicate copy of this sheet is enclosed.)

c. XX The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-2340.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

## Send All Correspondence To:

Armstrong, Kratz, Quintos, Hanson & Brooks, LLP Suite 1000,1725 K Street, N.W. Washington, D. C. 20006

Tel: (202) 659-2930 Fax: (202) 887-0357 23850

PATENT TRADEMARK OFFICE

Typed or Printed Name

William L. Brooks

Reg. No. 34,129

-Signature

WWZ bush

Date: April 24, 2006

WLB/jaz